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- (71) Applicant (for all designated States except US): **SHOCK, LLC** [US/US]; 2259 NW Quimby, Portland, OR 97210 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **MILLS, Gary, N.**

[US/US]; 7555 Cason Lane, Gladstone, OR 97027 (US). **BENZ, Philip, D.** [US/US]; 2852 SW 64th Place, Portland, OR 97225 (US). **SEMLER, Herbert, J., MD** [US/US]; 2330 NW Everett Street, Portland, OR 97210 (US).

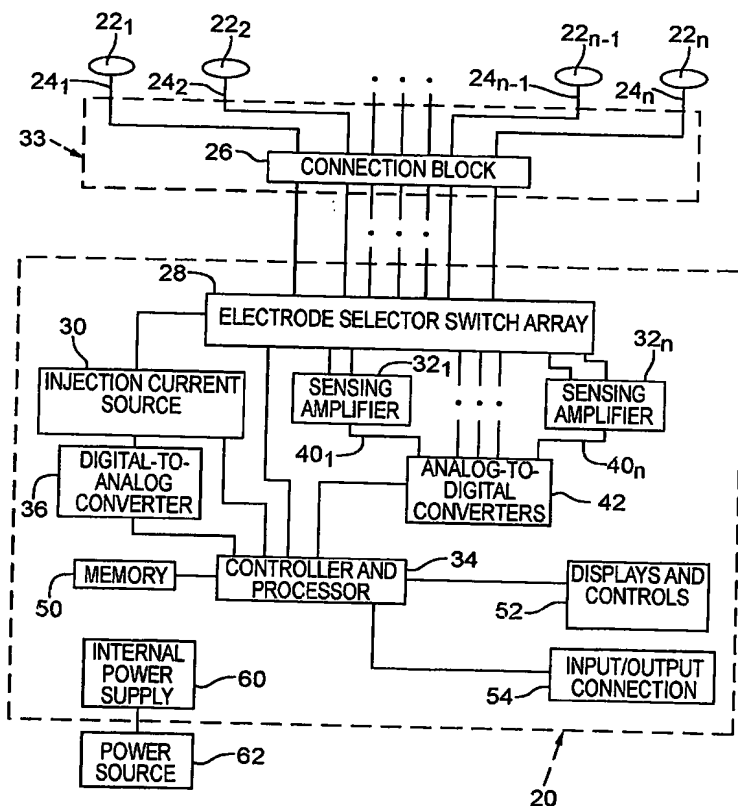
(74) Agent: **ANGELLO, Paul, S.**; Stoel Rives LLP, 900 SW Fifth Avenue, Suite 2600, Portland, OR 97204-1268 (US).

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(54) Title: METHODS OF AND APPARATUS FOR DETERMINING FLUID VOLUME PRESENCE IN MAMMALIAN TISSUE



(57) Abstract: Methods and apparatus (20) process noninvasively measured electrical bio-impedance values and perform a technique that indicates whether there exists a change from a homeostatic fluid condition, preferably with respect to blood loss, in mammalian tissue. Analyses can be performed to determine a presence or a change in volume of fluid in an anatomical space of a mammal. A preferred implementation of such technique is embodied in an instrument that carries out a method that may predict an onset of a hemorrhagic shock condition.



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